Broadband Modem

SMC8014-BIZ

EZ Connect™ Commercial Cable Modem Gateway

OVERVIEW

The new SMC EZ Connect Commercial Cable Modem Gateway is a cable modem with an integrated 4-port 10/100 dual speed switch. The Gateway has a DOCSIS 2.0/Cable Home 1.1 certified cable modem to insure interoperability with existing cable systems. The SMC8014 also includes advanced firewall protection and configurable parental controls to protect anyone on your home of office network from unwanted intruders and offensive web content. It provides support for VPN connections with PPTP, L2TP, and IPSec pass through to allow any user remote access to their corporate LAN.

The SMC EZ Connect Commercial Cable Modem Gateway has an integrated firewall, including Stateful Packet Inspection (SPI) to provide a high level of security against hacker invasions, such as Denial of Service (DoS) attacks. The SPI firewall analyzes individual data packets as they pass through the gateway, to ensure that only authorized data is allowed access to your network. Built in parental controls allow parents to decide what content is suitable for their children. In addition, the SMC8014-BIZ supports other advanced features such as port forwarding, remote management, URL blocking, DMZ, and a built-in DHCP server.

FEATURES	BENEFITS
Complies with DOCSIS 2.0 and CableHome 1.1	Fully interoperable with all DOCSIS cable networks
Share your Cable connection across multiple computers	Allows your single cable connection to be used by multiple computers. Share files, printers and other devices on a network.
Configurable Parental Controls	The simple web interface empowers parents or administ rators with the ability to limit access by date/time, key-words or site addresses.
Advanced Firewall Protection	The SPI firewall can monitor and analyze all the information entering your network. It also provides a higher level of security that can protect your network from Denial of Service (DoS) attacks that will disrupt internal communications.
VPN termination via L2TP, PPTP, and IPSec	VPN termination support allows remote user access to your corporate infrastructure or communication between offices

TECHNICAL SPECIFICATIONS SMC8014-BIZ

COMPATIBILITY
- Platform independent – works with PC or Mac
- DOCSIS 2.0/Cable Home 1.1 compliant
- IEEE 802.3, 802.3u
- SPI firewall is ICSA certified
- USB 1.1

PORTS
- 4 10/100 BASE-TX RJ45
- 1 USB 1.1 Connector Type B
- Cable Interface F type female 75ohm

CABLE MODEM FEATURES
- DOCSIS 2.0 certified
- 64/256QAM auto detection
- Supports maximum DOCSIS transfer rates
- Independent resets for downstream and upstream blocks
- Fragmentation and concatenation enabling Quality of Server (QoS) features
- Supports 16 Service Identifiers (SIDs) in downstream Wireless Interface
- Supports 64/128/256 bit RC4 authentication and encryption

NETWORKING
- IEEE 802.1d compliant bridging
- DHCP Client
- DHCP Server
- DNS Relay
- ARP
- ICMP
- FTP/TFTP
- Telnet
- SSH
- Radius
- TACACS+
- RIP v1/2

SECURITY
- Password protected configuration access
- Stateful Packet Inspection (SPI) Firewall
- Network Address Translation (NAT)
- Application Level Gateways (ALG)
- Intrusion Detection
- Denial of Service (DoS) prevention
- Trojan Horse Prevention
- Smart Tracking
- Domain Validation
- Multiple User Profiles
- Dynamic Address-User Mapping
- Web based authentication
- Comprehensive Logging
- NAT 1-1 Mappings
- VPN Termination
  - IPSec
  - PPTP
  - L2TP

OPERATING ENVIRONMENT
- Operating Temp. 0oC to 40oC (32oF to 104oF)
- Storage Temp. -20oC to 70oC (-4oF to 158oF)
- Operating Humidity 10% to 85% Non-Condensing
- Storage Humidity 5% to 90% Non-Condensing

ENCRYPTION
- 56-bit/128-bit DES

CERTIFICATION
- FCC Part 15B Class B
- FCC Part 68
- CD mark EN55024
- FCC Part 15C Class B
- CE Class B
- VCCI Class B
- CSA International
- UL

SIZE
- 130 x 85 x 32mm (5.12 x 3.35 x 1.26 in)

WEIGHT
- 370g (13.05oz)

REGULATORY APPROVALS
- CSA
- FC Part 15B Class B
- FCC Part 68
- FCC Part 15C Class B
- CE mark EN55024

LEDs
- Power, Diag, Cable, Traffic, Wireless, USB, Ethernet

POWER
- 12V/1.25A

WARRANTY
- Limited Lifetime

Contact

North America
20 Mason
Irvine, CA 92618
1-800-SMC-4YOU
24/7 Technical Support

Europe/ Africa
Fructuos Gelabert 6-8
08970 Sant Joan Despí
Barcelona, Spain

Check www.smc.com for your local country contact information